

Proposal Title: Pleasant Grove-Verona Mutual Water Company Fish Screen
 Applicant Name: Pleasant Grove-Verona Mutual Water Company
 Mailing Address: 1366 West Catlett Road, Pleasant Grove, CA 95668
 Telephone: (916) 925-0208
 Fax: (916) 925-0208
 Email: _____

Amount of funding requested: \$ 331,000 for 1 years

Indicate the Topic for which you are applying (check only one box).

- | | |
|---------------------------------------------------------------|---------------------------------------------------|
| <input checked="" type="checkbox"/> Fish Passage/Fish Screens | <input type="checkbox"/> Introduced Species |
| <input type="checkbox"/> Habitat Restoration | <input type="checkbox"/> Fish Management/Hatchery |
| <input type="checkbox"/> Local Watershed Stewardship | <input type="checkbox"/> Environmental Education |
| <input type="checkbox"/> Water Quality | |

Does the proposal address a specified Focused Action? yes X no

What county or counties is the project located in? Sutter

Indicate the geographic area of your proposal (check only one box):

- | | |
|---------------------------------------------------------------|-----------------------------------------------------------------|
| <input checked="" type="checkbox"/> Sacramento River Mainstem | <input type="checkbox"/> East Side Trib: _____ |
| <input type="checkbox"/> Sacramento Trib: _____ | <input type="checkbox"/> Suisun Marsh and Bay |
| <input type="checkbox"/> San Joaquin River Mainstem | <input type="checkbox"/> North Bay/South Bay: _____ |
| <input type="checkbox"/> San Joaquin Trib: _____ | <input type="checkbox"/> Landscape (entire Bay-Delta watershed) |
| <input type="checkbox"/> Delta: _____ | <input type="checkbox"/> Other: _____ |

Indicate the primary species which the proposal addresses (check all that apply):

- | | |
|----------------------------------------------------------------------------------------------|---------------------------------------------------------|
| <input type="checkbox"/> San Joaquin and East-side Delta tributaries fall-run chinook salmon | <input type="checkbox"/> Spring-run chinook salmon |
| <input type="checkbox"/> Winter-run chinook salmon | <input type="checkbox"/> Fall-run chinook salmon |
| <input type="checkbox"/> Late-fall run chinook salmon | <input type="checkbox"/> Longfin smelt |
| <input type="checkbox"/> Delta smelt | <input type="checkbox"/> Steelhead trout |
| <input checked="" type="checkbox"/> Splittail | <input type="checkbox"/> Striped bass |
| <input type="checkbox"/> Green sturgeon | <input checked="" type="checkbox"/> All chinook species |
| <input type="checkbox"/> Migratory birds | <input type="checkbox"/> All anadromous salmonids |
| <input type="checkbox"/> Other: _____ | |

Specify the ERP strategic objective and target (s) that the project addresses. Include page numbers from January 1999 version of ERP Volume I and II:

Reducing or Eliminating Stressors - Target 1 ERPP Vol. 2, Pg. 188
Consolidate, Relocate & Screen Diversions along the Sacramento River -
ERPP Vol. 2, Pg. 172

**Pleasant Grove-Verona Mutual Water Company
Fish Screen Project**

April 1998

Applicant:

Pleasant Grove-Verona Mutual Water Company
c/o Edwin A. Willey, President
1366 West Catlett Road
Pleasant Grove, CA 95668
Telephone: 916/925-0208
Fax: 916/925-0208

Applicant Type: Private
Tax Status: Non-profit
Tax I.D. 94-1711405

EXECUTIVE SUMMARY

Project Description & Primary Biological/Ecological Objectives

This proposal requests CALFED funding to perform Phase I, Feasibility Report, for the *Pleasant Grove-Verona Mutual Water Company Fish Screen Project*. The first phase of the project will include feasibility studies, preparation of conceptual designs and environmental documentation for three different alternatives to determine the most economically, technically and biologically feasible alternative. One alternative consists of the addition of fish screens on the existing diversions on the Natomas Cross Canal. The other two alternatives involve consolidation of diversions to a single screened diversion on the Sacramento River or Feather River. The primary objective of this project is to reduce the entrainment losses of CALFED priority fish species (chinook salmon, steelhead, splittail) in the Sacramento River via the Natomas Cross Canal.

Cost

The estimated budget cost for completing Phase I, Feasibility Report, is as follows:

Develop Request for Qualifications	\$ 5,000
Technical Studies	\$ 280,000
Biological and Environmental Documentation	\$ 51,000
CALFED Project Management	\$ 15,000
Total	<u>\$ 351,000</u>
PGV Cost Share	\$ 20,000
CALFED Funding	\$ 331,000

Adverse and Third Party Impacts

Depending on the alternative, if the project was to proceed to construction, the only direct third party impact would be the need for the acquisition of rights-of-way. Most of the land in the impacted areas is zoned for agriculture, therefore the need for zoning changes is not anticipated if construction were to proceed.

Applicant Qualifications

The project will be administered by Pleasant Grove-Verona Mutual Water Company ("PGV") with assistance from their Engineer, Murray, Burns and Kienlen Consulting Civil Engineers ("MBK"). MBK has represented the water company as engineer for over 30 years and has been retained to secure CALFED funding, develop the Request for Qualifications, and manage the project. MBK has successfully planned and/or implemented fish screen projects at eight sites along the Sacramento River and Delta.

Monitoring and Data Evaluation

Monitoring of the proposed project will primarily occur in future phases, after any construction is completed. During the feasibility phase (Phase I), the quality of data and technical analyses will be reviewed by appropriate senior staff and resource agency personnel to ensure that appropriate conclusions are reached regarding feasibility of the project and potential impacts on existing resources.

Local Support/Coordination with Other Programs

The landowners within the PGV service area as well as Natomas Central Mutual Water Company are in support of proceeding with the first phase of the project. Sutter County and other entities have been informed of PGV's intent to conduct a fish screen feasibility study. A Local Involvement Plan will be developed and implemented to inform and receive feedback from interested parties.

Compatibility with CALFED Objectives

The proposed project addresses Strategic Plan Goal #1: Recovery of At-Risk Native Species. Under the topic of Fish Passage/Fish Screens, the project objective is to reduce the mortality of at-risk species due to entrainment in agricultural water diversions from the Sacramento River. Fish screens are an effective and proven mechanism for reducing entrainment losses, and construction of fish screens, or consolidation and screening of PGV diversions, will lead to greater protection of CALFED priority fish species. This action is consistent with CALFED objectives, and specifically helps fulfill CALFED's mission to "restore ecological health and improve water management for beneficial uses of the Bay-Delta system." The proposed project is also consistent with Ecosystem Restoration Program (ERP) goal to "support sustainable populations of diverse and valuable plant and animal species."

The proposed project has no conflicts with other CALFED objectives related to water quality, water supply reliability, or levee system integrity.

PROJECT DESCRIPTION

Project Description and Approach

Pleasant Grove-Verona Mutual Water Company ("PGV") requests CALFED funding to perform a feasibility study, and prepare conceptual designs and environmental documentation for the *Pleasant Grove-Verona Mutual Water Company Fish Screen Project*.

PGV is an association of nine landowners who have formed a mutual water company to act as their agent, yet have retained their individual water rights. PGV, in turn, has entered into a water rights Settlement Agreement with the U.S. Bureau of Reclamation on behalf of its shareholders/water rights holders. The PGV service area encompasses approximately 7,300 acres within the American Basin. Levees, drain canals and pump plants owned and maintained by Reclamation District 1001 protect the service area from the waters of the Feather and Sacramento River to the west and southwest, Natomas Cross Canal to the south and Coon Creek to the east.

Under normal conditions, the majority of PGV's agricultural water supply consists of surface water. PGV diverts surface water via three unscreened pump diversions on the Natomas Cross Canal. The three pump diversions are located approximately 20,000 feet upstream of the mouth of the Natomas Cross Canal and have a combined peak capacity of 120 cfs. In cooperation with Natomas Central Mutual Water Company ("Natomas MWC"), a lift pump is operated and a removable flash board dam is installed at the mouth of the Natomas Cross Canal during periods of low flows in the Sacramento River, allowing both companies to divert water at their respective pumping plants.

The principal objective of this project is to reduce possible entrainment losses of CALFED priority fish species (chinook salmon, steelhead, splittail) in the Natomas Cross Canal. To accomplish this objective, PGV proposes to evaluate the technical, biological and economical feasibility of the following three alternatives:

Alternative 1 would consist of installing fish screens on the existing pumps on the Natomas Cross Canal (Figure 1).

Alternative 2 would be to construct a new diversion with fish screens on the left bank of the Sacramento River just upstream of the Natomas Cross Canal. Water from the new point of diversion would be pumped to the existing headworks or into the Natomas Cross Canal for distribution to PGV's service area (Figure 1).

Alternative 3 would be to construct a new diversion with fish screens on the Feather River just south of Nicolaus or north of West Catlett Road and convey the water to PGV's service area (Figure 1).

Another alternative (Alternative 4) under consideration by PGV is to receive water from Natomas MWC's proposed screened diversion on the Sacramento River. Natomas MWC has received cost share funding from CALFED for the *American Basin Fish Screen and Habitat Restoration*

Project. The project proposed by Natomas MWC is to consolidate two diversions on the Natomas Cross Canal to a screened diversion on the Sacramento River just downstream of the Cross Canal. Water would be distributed to the Natomas MWC service area via a new canal running parallel to the Natomas Cross Canal. PGV would receive water from this canal by pumping the water across the Natomas Cross Canal to the existing PGV headworks. PGV has authorized Natomas MWC to proceed further with feasibility studies of this option.

PGV recognizes the need to evaluate other alternatives besides the Natomas MWC alternative. Therefore, PGV is requesting CALFED funding to evaluate the first three alternatives described above. Funding is being requested for Phase I, Feasibility Report, which will include a preliminary design of the facilities and the environmental impact assessments associated with each alternative. Should PGV decide to construct one of the alternatives, funds will be requested from CALFED and/or other funding sources.

Proposed Scope of Work

To complete the project, two phases are being proposed.

Phase 1, Feasibility Report

Task 1. Develop Request for Qualifications

- Prepare solicitation for qualified water resources consulting firm(s).
- Prepare solicitation for qualified environmental consulting firm(s).
- Evaluate qualifications and select consulting firm(s).

Task 2. Technical Study

- Compile and review site specific data and PGV's operations, etc.
- Consultation with PGV and Anadromous Fish Restoration Program (AFRP) Technical Team.
- Perform topographic and hydrographic surveys of existing and proposed points of diversion and conveyance alignment.
- Prepare conceptual design of fish screen, new facilities and conveyance facilities.
- Prepare drawings and cost estimates for construction and O&M.
- Evaluate potential changes to water rights, USBR contract and possible need for internal operation agreements.
- Prepare report.

Task 3. Biological Study and Environmental Documentation

- Compile and review site specific data on habitat and TES species in the project area.
- Evaluate biological suitability of fish screen designs.
- Refine monitoring plans consistent with a preferred alternative.
- Prepare joint NEPA/CEQA documentation for FONSI and Mitigated Negative Declaration.

Task 4. Project Management

- Program review presentations – One annual review presentation will be made to share information with CALFED or other agency staff and interested parties regarding the progress and results of the project.
- Quarterly reporting – Quarterly reports will be submitted by the 10th of the month following the end of each quarter.
- Final report – A final report will be prepared on the project, and will include the monitoring results and other information as appropriate.
- Local Involvement Plan – A plan will be submitted to CALFED if the feasibility study proceeds.

When completed, the feasibility report will be submitted to CALFED and all interested parties identified in the Local Involvement Plan. PGV will decide whether to proceed with construction based on findings of the report and will inform CALFED staff accordingly. If the results of the feasibility report indicate construction is technically feasible, economical, and environmentally sound, funding will be sought from a variety of sources, including CALFED and CVPIA, for Phase II – Construction.

Location of Project

The proposed project is located within the Sacramento River Watershed in Sutter County (Figure 1). The existing points of diversion are on the right bank of the Natomas Cross Canal, a tributary to the Sacramento River near River Mile 79. The Natomas Cross Canal provides drainage for the Coon Creek, Bunkham Slough, Markham Ravine, Auburn Ravine, Ping Slough, Pleasant Grove Creek and Curry Creek watersheds. The proposed point of diversion is located on the Sacramento River near River Mile 79, or on the Feather River near River Mile 4 or 9.

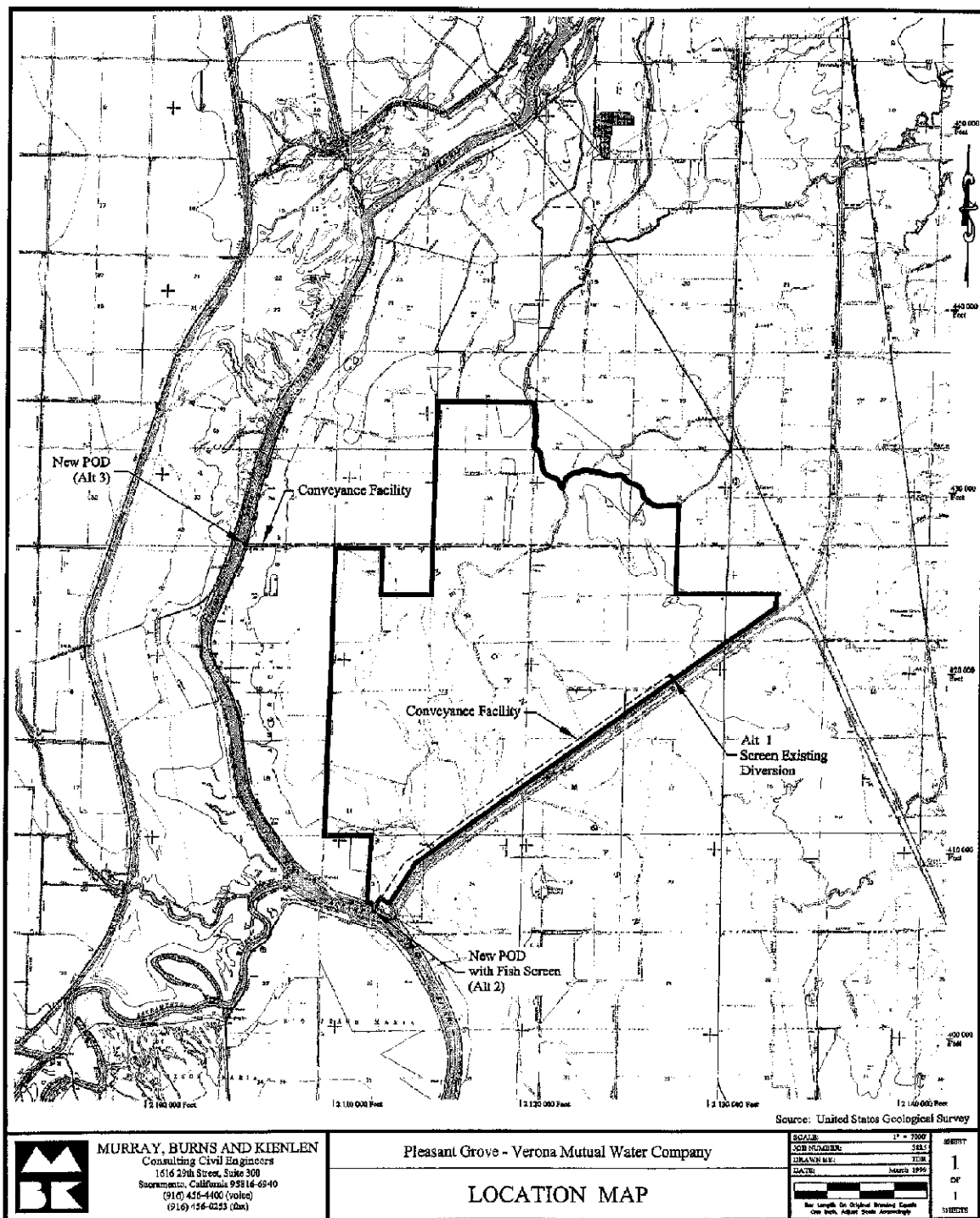


FIGURE 1

I - 0 1 3 3 9 7

I-013397

ECOLOGICAL/BIOLOGICAL BENEFITS

Ecological/Biological Objectives

The proposed project addresses Strategic Plan Goal #1: Recovery of At-Risk Native Species. Under the topic of Fish Passage/Fish Screens, the project objective is to reduce the possible entrainment losses of at-risk species in agricultural water diversions from the Sacramento River and tributaries. This objective is consistent with Ecosystem Restoration Program Plan (ERPP) actions to reduce water diversion stressors by screening diversions (ERPP, Volume 1, pages 428-429). Fish screens are an effective and proven mechanism for reducing entrainment losses, and construction of fish screens, or consolidation and screening of PGV diversions, will lead to greater protection of priority fish species identified in the Proposal Solicitation Package (PSP). Fish species that will benefit from the project include the threatened Central Valley steelhead and all runs of chinook salmon, including the endangered winter run, and proposed as endangered spring run and proposed as threatened fall run. The recently listed splittail will be protected as well.

Entrainment of fish into agricultural diversions along the main stem of the Sacramento River is suspected of being a significant source of mortality for chinook salmon, since many of the diversions are unscreened or poorly screened. The large number of diversions represents a potential threat to steelhead and chinook salmon populations during the rearing and smolt out-migration periods, particularly since the irrigation season overlaps with periods when juvenile salmonids are liable to be present and most vulnerable to entrainment. In addition, the siting of diversion intakes may sometimes increase entrainment risk if the intake is located in near-shore, shallow areas or "backwater" sites that many fish species tend to use as rearing habitat. Installation of a fish screen(s) at existing or consolidated PGV diversion(s) should have tangible benefits to the ecosystem by reducing mortality of priority species.

The fisheries benefits of screening diversions has already been widely accepted. Thus, it may not be critical to hypothesize "whether this proposed fish screen decreases mortality associated with water diversion." This proposal assumes that such a benefit is already proven. The more relevant question is whether a particular diversion should receive a high priority for screening, considering its size, location, configuration, and time of use.

The PGV diversion is a relatively large diversion (120 cfs among three diversions) that is operated during major out-migration periods for the species of interest. It is located along the lower Sacramento River, just upstream of the legal Delta boundary, in an area that forms the major migration corridor for Central Valley steelhead and all runs of chinook salmon. The ERPP notes that "Because this Ecological Management Unit encompasses a significant portion of critical nursery area required by the endangered winter-run chinook salmon, positive barrier fish screens should be used at water diversions in this section to protect juvenile fish" (ERPP, Volume 2, page 170). The current configuration of the PGV diversions (unscreened, along the Cross Canal connected to the Sacramento River) may present a high risk for entrainment of at-risk fish species. As a result, considerable benefits to at-risk native fish species may be provided by screening and perhaps consolidating the PGV diversion(s).

The benefits derived from implementation of any of the alternatives would be durable, long term, and self-sustaining. The PGV, or other local entity, would operate and maintain any screens that may be constructed.

Several alternatives are proposed for consideration during the feasibility phase of this project, including consolidation of diversions, changes in point-of-diversion, and joint use of Natomas MWC's new screened diversion. All of these alternatives involve new screen construction at one or more locations. There are no particularly viable alternatives for reducing possible entrainment other than building a fish screen. Therefore, the various alternatives to be evaluated in the feasibility study all involve screen designs.

Linkages

The primary benefit of the project is the reduction of direct fish mortality associated with entrainment. This project is consistent with the ERPP objective to reduce stressors related to water diversions (ERPP Volume 2, Target 1 regarding entrainment, pages 188-189). It is also consistent with ERPP vision to "consolidate, relocate, and screen diversions along the Sacramento River..." (ERPP Volume 2, page 172) and emphasize "projects that include consolidation of several diversion points to a single location" (ERPP Volume 2, page 189). In addition, the project is consistent with section 3406(b)(21) of the CVPIA, which addresses the Anadromous Fish Screen Program.

The potential benefits of a fish screen in the vicinity of the PGV diversion have already been noted by CALFED, as evidenced by CALFED funding of the adjacent *American Basin Fish Screen and Habitat Improvement Project* proposed by Natomas MWC. Funding of this PGV proposal, in conjunction with the ongoing Natomas MWC project, will lead to a coordinated and comprehensive solution to fish entrainment problems associated with the Natomas Cross Canal. Screening of Natomas Cross Canal diversions is specifically cited as ERPP Programmatic Action 1B (ERPP Volume 2, page 333).

System-Wide Ecosystem Benefits

The proposed project complements the proposed screening project being conducted by Natomas MWC. By developing a compatible project for the PGV area, all major diversions from the Natomas Cross Canal will be eliminated or protected by screens. This represents over 520 cfs in diversions for an irrigated area of over 30,000 acres. The Natomas Cross Canal can then be used as a refuge or rearing area for fish from the Sacramento River, without the possible mortality factor associated with unscreened intakes.

Compatibility with Non-Ecosystem Objectives

The proposed project has no conflicts with other CALFED objectives related to water quality, water supply reliability, or levee system integrity.

TECHNICAL FEASIBILITY AND TIMING

Alternatives

The proposed project involves investigating the feasibility of several alternatives for reducing possible entrainment of fish into PGV's diversions. Alternatives to fish screens for reducing fish entrainment losses were not considered viable options due to the size and location of the diversions and the unproven nature of alternate technologies. Thus, this proposal focuses on various screening (and associated diversion consolidation) alternatives, as opposed to alternatives to screening. By evaluating the feasibility of various alternatives during Phase I, the best designs and configurations can be identified before committing larger sums of money for detailed engineering designs or construction. No major obstacles to developing and implementing a preferred alternative are anticipated at this time.

Environmental Compliance

The proposed project will be required to comply with the California Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA). Compliance with each of these acts will be accomplished by preparation of a joint NEPA/CEQA document that includes an Environmental Assessment (EA) and Finding of No Significant Impact (FONSI) under NEPA, and an Initial Study (IS) and Mitigated Negative Declaration under CEQA. The U.S. Bureau of Reclamation is expected to be the lead agency under NEPA, and the California Department of Fish and Game (CDFG) is expected to be the lead agency under CEQA.

Initial permitting tasks and NEPA/CEQA documentation will be completed under Phase I of the project, in order to identify any environmental issues which would affect determinations of project feasibility, selection of a preferred alternative, and/or implementation of a project.

In addition to the NEPA/CEQA documentation, the following regulatory permits are anticipated if PGV decides to construct one of the alternatives analyzed in Phase I:

- U.S. Army Corps Individual Permits
- California Department of Fish & Game Streambed Alteration Agreement
- State Water Resources Control Board Water Quality Certification
- California Reclamation Board Encroachment Permit
- State Water Resources Control Board Water Right Order for Change in Point of Diversion

These permits will be pursued as necessary in Phase II of the project, following a final determination regarding the preferred alternative.

Schedule

The proposed schedule for the project estimates completion of the Phase I studies in December 2000. There are no zoning regulations, county planning ordinances, or other local regulatory or environmental constraints that are expected to affect this schedule. The implementability of the entire project (all phases) will be part of the Phase I evaluations.

MONITORING AND DATA COLLECTION METHODOLOGY

Since the proposed project primarily involves evaluation of the feasibility of various actions in Phase I, as opposed to construction activities, there is limited need for monitoring efforts in this phase. Necessary monitoring tasks and data collection methods include the following.

Biological/Ecological Objectives

The primary biological objective of the project is to evaluate alternative diversion options and fish screening configurations that will reduce possible entrainment of priority fish species. Biological monitoring for fish entrainment would be conducted later, during the construction phase. A second biological objective of the project is to avoid adverse impacts on terrestrial and aquatic species resulting from construction of the project (see Table 1). This objective will be addressed through the NEPA/CEQA processes, where potential effects of the project are evaluated and any necessary mitigation measures developed.

Monitoring Parameters and Data Collection/Evaluation Approach

Data collection for Phase I studies will make use of the California Natural Diversity Database (CNDDB) for threatened, endangered, and sensitive (TES) species information. This information will be supplemented with agency consultation, and seasonally appropriate field visits to the site to survey for TES species and document available habitat. The California Environmental Resources System (CERES) maintained by the Resources Agency will also be used for identification of environmental resources of interest in the project area.

Future monitoring of any constructed fish screens will be focused on evaluating both hydraulic and biological criteria. These criteria include the following: 1) does the hydraulic performance of the screen match design/regulatory requirements; and 2) is the screen successfully excluding/diverting the species of concern from the water diversions? Sweeping velocities and approach velocities will be evaluated. The screen will also be evaluated for proper operation, and biological monitoring behind the screen would be considered. Monitoring efforts and data distribution would be coordinated with other screening programs and interested agencies, such as the Fish Facilities Team, CVPIA AFSP, and/or IEP Ag Diversion Project Work Team.

Data evaluation for Phase I of the project will be focused in two areas: engineering/economic data and biological/environmental data. Data for the engineering/economic evaluations will primarily come from standard indices of material and construction costs. Engineering/economic data, and the resulting analyses, will be reviewed by senior staff of MBK and management of PGV as part of a quality assurance and control process.

Biological/environmental data will be developed from field surveys and existing literature sources, as well as on-line databases. Any necessary field surveys (giant garter snake, Valley elderberry longhorn beetle, etc.) will utilize standard protocols developed by the USFWS or CDFG. Data review functions will be addressed by senior environmental consulting staff, resource agency staff as appropriate, and the public during the NEPA/CEQA process.

TABLE 1. MONITORING DATA RELATED TO BIOLOGICAL/ECOLOGICAL OBJECTIVES

Hypothesis/Question to be Evaluated	Monitoring Parameter(s) and Data Collection Approach	Data Evaluation Approach	Comments/Data Priority
Could sensitive wildlife or botanical resources be adversely affected by project construction?	Conduct field surveys and literature reviews for presence/absence and seasonal occurrence of sensitive species in the project area.	Biologists knowledgeable of species requirements to conduct project impact evaluations in consultation with resource agency biologists as necessary.	Results of investigation to be addressed in Phase I of the project, prior to decisions about a preferred alternative. Mitigation measures to be developed as necessary.
Are priority fish species of the project area currently being entrained in agricultural diversions?	Assume, based on existing information for the Sacramento River and the location and timing of project diversions, that priority fish species are being entrained. Focus monitoring efforts on post-construction effectiveness of screen(s), to be evaluated by hydraulic measurements, visual inspections, and possibly "behind the screen" biological sampling.	Evaluate screen effectiveness through hydraulic measurement results, visual inspections, and results of any biological sampling.	This question will be evaluated in future phases of the project, after any screen construction has occurred.

LOCAL INVOLVEMENT

The following entities have been notified of PGV's intent to submit a proposal to receive funding to investigate the proposed alternatives. Attached are letters informing the respected agencies.

- Sutter County
- Placer County Water Agency
- South Sutter Water District
- Natomas Central Mutual Water Company
- Reclamation District No. 1001
- Reclamation District No. 1000

The landowners within the PGV service area as well as Natomas MWC are in support of proceeding with the first phase of the project. The PGV service area landowners, as applicants for funding, will provide property access for their contractors and associated regulatory staff.

A detailed local involvement plan will be developed and implemented if PGV proceeds with Phase II of the project. The plan will include identification of all local parties interested in the project. Procedures for communication with these parties (public notices, mailing lists, meetings, etc.) and receiving feedback will be identified and implemented.

The only direct third party impact from the alternatives considered would be the need for the acquisition of rights-of-way. Most of the land in the impacted areas is zoned for agriculture, therefore the need for zoning changes is not anticipated if construction were to proceed.

COST

The proposed budget for Phase I, Feasibility Report, is presented below in Table 2.

Table 2

Phase I -- Fish Screen Feasibility Report							
Task	Direct Labor Hours	Direct Salary & Benefits	Service Contracts	Material & Acquisition Contracts	Miscellaneous & other Direct Costs	Overhead & Indirect Costs	Total Cost
1			\$5000				\$5,000
2			\$280,000				\$280,000
3			\$51,000				\$51,000
4			\$15,000				\$15,000
	Pleasant Grove-Verona Mutual Water Company Cost Share						(\$20,000)
	Total CALFED Funding Request						\$331,000

Table 3 shows the proposed quarterly budget.

Table 3

Task	Quarterly Budget Jan - Mar 00	Quarterly Budget Apr - Jun 00	Quarterly Budget Jul - Sep 00	Quarterly Budget Oct - Dec 00
1	5,000	0	0	0
2	70,000	100,000	70,000	40,000
3	5,000	20,000	15,000	11,000
4	3,750	3,750	3,750	3,750

Schedule

The schedule for Phase I, Feasibility Report is as follows:

Phase I, Feasibility Report

Request for Qualifications	December 1999 to January 2000
Technical Studies	January 2000 to December 2000
Biological Studies	January 2000 to December 2000
Project Management	December 1999 to December 2000

All of the tasks described above will be performed under service contracts. Payments for service contracts will be made on a monthly basis.

COST SHARING

Cost share will be provided by PGV in the form of contract and project management. Cost share by PGV for Phase I would include Task 1-Preparation of Request for Qualifications, and Task 4-CALFED Project Management. PGV's cost share contributions are identified in Table 2. Further cost share by means of long-term operation and maintenance of the fish screen and in-kind services during post-project monitoring is anticipated if Phase II, Construction, is completed.

APPLICANT QUALIFICATIONS

Pleasant Grove -Verona Mutual Water Company is the applicant for project funding, and will administer the project. PGV has managed the water supply needs of nine landowners for over 30 years. PGV will be assisted by their Engineer, **Murray, Burns and Kienlen Consulting Civil Engineers (MBK)**.

Consistent with Government Code §4525, MBK was selected by PGV to secure CALFED funding, develop the Request for Qualifications and project management in connection with the feasibility studies and construction of the project. The selection was made on the basis of qualifications and demonstrated competence for the requested services, including documentation of fair and reasonable prices. MBK has represented the water company as Engineer for over 30 years. MBK will either perform the proposed studies or, if requested by PGV after other proposals are solicited, assist PGV in selecting a consulting firm with equivalent qualifications, at the same or lesser study cost.

MBK is a consulting civil engineering firm whose main emphasis is water resources. Its three main areas of specialization include water supply planning, flood control, and water rights. MBK represents many water diverters located in the Sacramento/San Joaquin Delta watershed. This association has resulted in MBK personnel involvement in many existing and planned fish screening facilities. MBK's services include feasibility studies, engineering design, and environmental/regulatory compliance. MBK's list of projects includes fish screens for Pelger Mutual Water Company, Deseret Farms' Wilson Ranch, Maxwell Irrigation District, Lower Joice Island, Thousand Acre Ranch, Browns Valley Irrigation District, King Island, and Boeger Family Farms.

Gilbert Cosio, PE, is a Principal Engineer with MBK. MBK's work in regard to fish screen facilities is performed under his supervision and management. His experience includes performance of all aspects of fish screen design and construction including topographic surveys, preliminary design and cost estimates, design plans, vendor and contractor coordination, construction inspection and performance monitoring. In addition, his fish screen expertise includes environmental and regulatory aspects such as environmental assessments, CEQA coordination and documentation, and coordination with federal and state regulatory agencies.

COMPLIANCE WITH STANDARD TERMS AND CONDITIONS

Attached are the requested state and federal forms.

NONDISCRIMINATION COMPLIANCE STATEMENT

STD. 19 (REV. 3-95) FMC

COMPANY NAME

Pleasant Grove-Verona Mutual Water Company

The company named above (hereinafter referred to as "prospective contractor") hereby certifies, unless specifically exempted, compliance with Government Code Section 12990 (a-f) and California Code of Regulations, Title 2, Division 4, Chapter 5 in matters relating to reporting requirements and the development, implementation and maintenance of a Nondiscrimination Program. Prospective contractor agrees not to unlawfully discriminate, harass or allow harassment against any employee or applicant for employment because of sex, race, color, ancestry, religious creed, national origin, disability (including HIV and AIDS), medical condition (cancer), age, marital status, denial of family and medical care leave and denial of pregnancy disability leave.

CERTIFICATION

I, the official named below, hereby swear that I am duly authorized to legally bind the prospective contractor to the above described certification. I am fully aware that this certification, executed on the date and in the county below, is made under penalty of perjury under the laws of the State of California.

OFFICIAL'S NAME

Ed Willey

DATE EXECUTED

April 14, 1999

EXECUTED IN THE COUNTY OF

Sutter

PROSPECTIVE CONTRACTOR'S SIGNATURE

PROSPECTIVE CONTRACTOR'S TITLE

President

PROSPECTIVE CONTRACTOR'S LEGAL BUSINESS NAME

Pleasant Grove-Verona Mutual Water Company

APPLICATION FOR FEDERAL ASSISTANCE

OMB Approval No. 0348-0043

1. TYPE OF SUBMISSION: Application <input type="checkbox"/> Construction <input checked="" type="checkbox"/> Non-Construction Preapplication <input type="checkbox"/> Construction <input type="checkbox"/> Non-Construction		2. DATE SUBMITTED 3. DATE RECEIVED BY STATE 4. DATE RECEIVED BY FEDERAL AGENCY		Applicant Identifier State Application Identifier Federal Identifier	
5. APPLICANT INFORMATION					
Legal Name: Pleasant Grove-Verona Mutual Water Company			Organizational Unit:		
Address (give city, county, State, and zip code): 1366 West Catlett Road Pleasant Grove, CA 95668			Name and telephone number of person to be contacted on matters involving this application (give area code): Gilbert Gosio (916) 456-4400		
6. EMPLOYER IDENTIFICATION NUMBER (EIN): 94-1711405			7. TYPE OF APPLICANT: (enter appropriate letter in box) <div style="display: flex; justify-content: space-between;"> <div> A. State B. County C. Municipal D. Township E. Interstate F. Intermunicipal G. Special District </div> <div> H. Independent School Dist. I. State Controlled Institution of Higher Learning J. Private University K. Indian Tribe L. Individual M. Profit Organization N. Other (Specify) <u>Non-Profit</u> </div> </div>		
8. TYPE OF APPLICATION: <input checked="" type="checkbox"/> New <input type="checkbox"/> Continuation <input type="checkbox"/> Revision If Revision, enter appropriate letter(s) in box(es) <input type="checkbox"/> <input type="checkbox"/> A. Increase Award B. Decrease Award C. Increase Duration D. Decrease Duration Other(specify): _____			9. NAME OF FEDERAL AGENCY: Department of Interior Bureau of Reclamation		
10. CATALOG OF FEDERAL DOMESTIC ASSISTANCE NUMBER: TITLE:			11. DESCRIPTIVE TITLE OF APPLICANT'S PROJECT: Pleasant Grove Verona Mutual Water Company Fish Screen Project		
12. AREAS AFFECTED BY PROJECT (Cities, Counties, States, etc.): Sutter County, California					
13. PROPOSED PROJECT Start Date: 12/99 Ending Date: 12/00		14. CONGRESSIONAL DISTRICTS OF: a. Applicant: OSE--CA 3rd District b. Project: OSE--CA 3rd District			
15. ESTIMATED FUNDING:		16. IS APPLICATION SUBJECT TO REVIEW BY STATE EXECUTIVE ORDER 12372 PROCESS?			
a. Federal: \$ 331,000.00 b. Applicant: \$.00 c. State: \$.00 d. Local: \$.00 e. Other: \$.00 f. Program Income: \$.00 g. TOTAL: \$ 331,000.00		a. YES. THIS PREAPPLICATION/APPLICATION WAS MADE AVAILABLE TO THE STATE EXECUTIVE ORDER 12372 PROCESS FOR REVIEW ON: DATE _____ b. No. <input type="checkbox"/> PROGRAM IS NOT COVERED BY E. O. 12372 <input type="checkbox"/> OR PROGRAM HAS NOT BEEN SELECTED BY STATE FOR REVIEW			
17. IS THE APPLICANT DELINQUENT ON ANY FEDERAL DEBT? <input type="checkbox"/> Yes If "Yes," attach an explanation. <input type="checkbox"/> No					
18. TO THE BEST OF MY KNOWLEDGE AND BELIEF, ALL DATA IN THIS APPLICATION/PREAPPLICATION ARE TRUE AND CORRECT, THE DOCUMENT HAS BEEN DULY AUTHORIZED BY THE GOVERNING BODY OF THE APPLICANT AND THE APPLICANT WILL COMPLY WITH THE ATTACHED ASSURANCES IF THE ASSISTANCE IS AWARDED.					
a. Type Name of Authorized Representative Ed Willey		b. Title President		c. Telephone Number 916-475-0208	
d. Signature of Authorized Representative Edwin A. Willey				e. Date Signed April 14, 1999	

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Standard Form 424 (Rev. 7-97)
Prescribed by OMB Circular A-102

I - 0 1 3 4 0 9

I-013409

BUDGET INFORMATION - Non-Construction Programs

OMB Approval No. 0348-0044

SECTION A - BUDGET SUMMARY						
Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. CALFED		\$ 331,000	\$	\$	\$	\$
2.						
3.						
4.						
5. Totals		\$	\$	\$	\$	\$

SECTION B - BUDGET CATEGORIES					
6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total (5)
	(1) TECHNICAL	(2) BIOLOGICAL	(3)	(4)	
a. Personnel	\$	\$	\$	\$	\$
b. Fringe Benefits					
c. Travel					
d. Equipment					
e. Supplies					
f. Contractual	280,000	51,000			331,000
g. Construction					
h. Other					
i. Total Direct Charges (sum of 6a-6h)					
j. Indirect Charges					
k. TOTALS (sum of 6i and 6j)	\$ 280,000	\$ 51,000	\$	\$	\$ 331,000

7. Program Income	\$	\$	\$	\$	\$
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1-013410

1-013410

ASSURANCES - NON-CONSTRUCTION PROGRAMS

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0040), Washington, DC 20503.

PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.

NOTE: Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the awarding agency. Further, certain Federal awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant, I certify that the applicant:

1. Has the legal authority to apply for Federal assistance and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project cost) to ensure proper planning, management and completion of the project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the award; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
4. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
5. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§4726-4763) relating to prescribed standards for merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
6. Will comply with all Federal statutes relating to nondiscrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee 3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §§3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and, (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.
7. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal or federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
8. Will comply, as applicable, with provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.

9. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327-333), regarding labor standards for federally-assisted construction subagreements.
10. Will comply, if applicable, with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
11. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) Implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).
12. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
13. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §§469a-1 et seq.).
14. Will comply with P.L. 93-348 regarding the protection of human subjects involved in research, development, and related activities supported by this award of assistance.
15. Will comply with the Laboratory Animal Welfare Act of 1966 (P.L. 89-544, as amended, 7 U.S.C. §§2131 et seq.) pertaining to the care, handling, and treatment of warm blooded animals held for research, teaching, or other activities supported by this award of assistance.
16. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.
17. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-133, "Audits of States, Local Governments, and Non-Profit Organizations."
18. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.

SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL <i>Barbara A. Smith</i>	TITLE President
APPLICANT ORGANIZATION Pleasant Grove-Verona Mutual Water Company	DATE SUBMITTED April 14, 1999

Standard Form 424B (Rev. 7-97) Back

U.S. Department of the Interior

**Certifications Regarding Debarment, Suspension and
Other Responsibility Matters, Drug-Free Workplace
Requirements and Lobbying**

Persons signing this form should refer to the regulations referenced below for complete instructions:

Certification Regarding Debarment, Suspension, and Other Responsibility Matters - Primary Covered Transactions - The prospective primary participant further agrees by submitting this proposal that it will include the clause titled, "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion - Lower Tier Covered Transaction," provided by the department or agency entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions. See below for language to be used; use this form for certification and sign; or use Department of the Interior Form 1954 (DI-1954). (See Appendix A of Subpart D of 43 CFR Part 12.)

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion - Lower Tier Covered Transactions - (See Appendix B of Subpart D of 43 CFR Part 12.)

Certification Regarding Drug-Free Workplace Requirements - Alternate I. (Grantees Other Than Individuals) and Alternate II. (Grantees Who are Individuals) - (See Appendix C of Subpart D of 43 CFR Part 12)

Signature on this form provides for compliance with certification requirements under 43 CFR Parts 12 and 18. The certifications shall be treated as a material representation of fact upon which reliance will be placed when the Department of the Interior determines to award the covered transaction, grant, cooperative agreement or loan.

**PART A: Certification Regarding Debarment, Suspension, and Other Responsibility Matters -
Primary Covered Transactions**

CHECK ☒ IF THIS CERTIFICATION IS FOR A PRIMARY COVERED TRANSACTION AND IS APPLICABLE.

- (1) The prospective primary participant certifies to the best of its knowledge and belief, that it and its principals:
 - (a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
 - (b) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
 - (c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (1)(b) of this certification; and
 - (d) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.
- (2) Where the prospective primary participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

**PART B: Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion -
Lower Tier Covered Transactions**

CHECK ☐ IF THIS CERTIFICATION IS FOR A LOWER TIER COVERED TRANSACTION AND IS APPLICABLE.

- (1) The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.
- (2) Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

DI-2314
March 1995
(This form consolidates DI-1953, DI-1954,
DI-1955, DI-1956 and DI-1962)

PART C: Certification Regarding Drug-Free Workplace Requirements

~~CHECK~~ IF THIS CERTIFICATION IS FOR AN APPLICANT WHO IS NOT AN INDIVIDUAL

Alternate I. (Grantees Other Than Individuals)

A. The grantee certifies that it will or continue to provide a drug-free workplace by:

- (a) Publishing a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the grantee's workplace and specifying the actions that will be taken against employees for violation of such prohibition;
- (b) Establishing an ongoing drug-free awareness program to inform employees about--
 - (1) The dangers of drug abuse in the workplace;
 - (2) The grantee's policy of maintaining a drug-free workplace;
 - (3) Any available drug counseling, rehabilitation, and employee assistance programs; and
 - (4) The penalties that may be imposed upon employees for drug abuse violations occurring in the workplace;
- (c) Making it a requirement that each employee to be engaged in the performance of the grant be given a copy of the statement required by paragraph (a);
- (d) Notifying the employee in the statement required by paragraph (a) that, as a condition of employment under the grant, the employee will --
 - (1) Abide by the terms of the statement; and
 - (2) Notify the employer in writing of his or her conviction for a violation of a criminal drug statute occurring in the workplace no later than five calendar days after such conviction;
- (e) Notifying the agency in writing, within ten calendar days after receiving notice under subparagraph (d)(2) from an employee or otherwise receiving actual notice of such conviction. Employers of convicted employees must provide notice, including position title, to every grant officer on whose grant activity the convicted employee was working, unless the Federal agency has designated a central point for the receipt of such notices. Notice shall include the identification numbers(s) of each affected grant;
- (f) Taking one of the following actions, within 30 calendar days of receiving notice under subparagraph (d)(2), with respect to any employee who is so convicted --
 - (1) Taking appropriate personnel action against such an employee, up to and including termination, consistent with the requirements of the Rehabilitation Act of 1973, as amended; or
 - (2) Requiring such employee to participate satisfactorily in a drug abuse assistance or rehabilitation program approved for such purposes by a Federal, State, or local health, law enforcement, or other appropriate agency;
- (g) Making a good faith effort to continue to maintain a drug-free workplace through implementation of paragraphs (a) (b), (c), (d), (e) and (f).

B. The grantee may insert in the space provided below the site(s) for the performance of work done in connection with the specific grant:

Place of Performance (Street address, city, county, state, zip code)

Check ☐ if there are workplaces on file that are not identified here.

PART D: Certification Regarding Drug-Free Workplace Requirements

~~CHECK~~ IF THIS CERTIFICATION IS FOR AN APPLICANT WHO IS AN INDIVIDUAL

Alternate II. (Grantees Who Are Individuals)

- (a) The grantee certifies that, as a condition of the grant, he or she will not engage in the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance in conducting any activity with the grant;
- (b) If convicted of a criminal drug offense resulting from a violation occurring during the conduct of any grant activity, he or she will report the conviction, in writing, within 10 calendar days of the conviction, to the grant officer or other designee, unless the Federal agency designates a central point for the receipt of such notices. When notice is made to such a central point, it shall include the identification number(s) of each affected grant.

PART E: Certification Regarding Lobbying
Certification for Contracts, Grants, Loans, and Cooperative Agreements

CHECK ☒ IF CERTIFICATION IS FOR THE AWARD OF ANY OF THE FOLLOWING AND
THE AMOUNT EXCEEDS \$100,000: A FEDERAL GRANT OR COOPERATIVE AGREEMENT;
SUBCONTRACT, OR SUBGRANT UNDER THE GRANT OR COOPERATIVE AGREEMENT.

CHECK ☐ IF CERTIFICATION IS FOR THE AWARD OF A FEDERAL
LOAN EXCEEDING THE AMOUNT OF \$150,000, OR A SUBGRANT OR
SUBCONTRACT EXCEEDING \$100,000, UNDER THE LOAN.

The undersigned certifies, to the best of his or her knowledge and belief, that:

- (1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, and officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
- (2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.
- (3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

As the authorized certifying official, I hereby certify that the above specified certifications are true.

SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL

Edwin A. Willey

TYPED NAME AND TITLE

Ed Willey -- President

DATE

April 14, 1999

NOTIFICATION LETTERS

Attached are letters notifying local agencies.

Pleasant Grove-Verona Mutual Water Company

1366 West Calhoun Road
Pleasant Grove, CA 95668

April 14, 1999

Mr. David Breninger
Placer County Water Agency
P.O. Box 6570
Auburn, CA 95604-6570

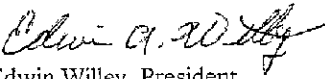
Subject: CALFED Proposal for Fish Screen Feasibility Study

Dear Mr. Breninger:

Notice is hereby given that Pleasant Grove-Verona Mutual Water CO. (PGV) has submitted a CALFED proposal to request funding to perform a fish screen feasibility study. The study will evaluate different fish screen alternatives and will help PGV decide whether there is an economically, technically, and biologically feasible alternative. PGV will be developing a Local Involvement Plan to inform interested parties of the progress of the study. If your agency or district would like to be added to the mailing list, please call Marc Van Camp at 916/456-4400.

If you have any questions or comments, please call me at 916/925-0208 or Marc Van Camp at the number listed above.

Sincerely,
PLEASANT GROVE-VERONA MUTUAL WATER CO.


Edwin Willey, President

DT/mv
dtL0414991

Pleasant Grove-Verona Mutual Water Company

1366 West Catlett Road
Pleasant Grove, CA 95668

April 14, 1999

Sutter County Public Works
Planning Department
1160 Civic Center Boulevard, Suite E
Yuba City, CA 95993

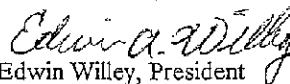
Subject: CALFED Proposal for Fish Screen Feasibility Study

To Whom It May Concern:

Notice is hereby given that Pleasant Grove-Verona Mutual Water Company (PGV) has submitted a CALFED proposal to request funding to perform a fish screen feasibility study. The study will evaluate different fish screen alternatives and will help PGV decide whether there is an economically, technically, and biologically feasible alternative. PGV will be developing a Local Involvement Plan to inform interested parties of the progress of the study. If your agency or district would like to be added to the mailing list, please call Marc Van Camp at 916/456-4400.

If you have any questions or comments, please call me at 916/925-0208 or Marc Van Camp at the number listed above.

Sincerely,
PLEASANT GROVE-VERONA MUTUAL WATER CO.


Edwin Willey, President

DT/mv
dtL0414991

Pleasant Grove-Verona Mutual Water Company
1366 West Catlett Road
Pleasant Grove, CA 95668

April 14, 1999

Mr. Brad Arnold
South Sutter Water District
2464 Pacific Avenue
Trowbridge, CA 95659


Subject: CALFED Proposal for Fish Screen Feasibility Study

Dear Mr. Arnold:

Notice is hereby given that Pleasant Grove-Verona Mutual Water CO. (PGV) has submitted a CALFED proposal to request funding to perform a fish screen feasibility study. The study will evaluate different fish screen alternatives and will help PGV decide whether there is an economically, technically, and biologically feasible alternative. PGV will be developing a Local Involvement Plan to inform interested parties of the progress of the study. If your agency or district would like to be added to the mailing list, please call Marc Van Camp at 916/456-4400.

If you have any questions or comments, please call me at 916/925-0208 or Marc Van Camp at the number listed above.

Sincerely,
PLEASANT GROVE-VERONA MUTUAL WATER CO.


Edwin Willey, President

DT/mv
dntLO414991

Pleasant Grove-Verona Mutual Water Company

1366 West Collett Road
Pleasant Grove, CA 95668

April 14, 1999

Mr. Pete Hughes
Natomas Central Mutual Water CO.
2601 West Elkhorn Blvd.
Rio Linda, CA 95673

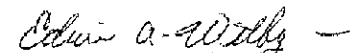
Subject: CALFED Proposal for Fish Screen Feasibility Study

Dear Mr. Hughes:

Notice is hereby given that Pleasant Grove-Verona Mutual Water CO. (PGV) has submitted a CALFED proposal to request funding to perform a fish screen feasibility study. The study will evaluate different fish screen alternatives and will help PGV decide whether there is an economically, technically, and biologically feasible alternative. PGV will be developing a Local Involvement Plan to inform interested parties of the progress of the study. If your agency or district would like to be added to the mailing list, please call Marc Van Camp at 916/456-4400.

If you have any questions or comments, please call me at 916/925-0208 or Marc Van Camp at the number listed above.

Sincerely,
PLEASANT GROVE-VERONA MUTUAL WATER CO.


Edwin Willey, President

DT/mv
d:\L0414991

Pleasant Grove-Verona Mutual Water Company

1366 West Catlett Road
Pleasant Grove, CA 95668

April 14, 1999

Mr. Don White
Reclamation District 1001
1959 Cornelius Avenue
Rio Oso, CA 95674

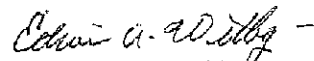
Subject: CALFED Proposal for Fish Screen Feasibility Study

Dear Mr. White:

Notice is hereby given that Pleasant Grove-Verona Mutual Water CO. (PGV) has submitted a CALFED proposal to request funding to perform a fish screen feasibility study. The study will evaluate different fish screen alternatives and will help PGV decide whether there is an economically, technically, and biologically feasible alternative. PGV will be developing a Local Involvement Plan to inform interested parties of the progress of the study. If your agency or district would like to be added to the mailing list, please call Marc Van Camp at 916/456-4400.

If you have any questions or comments, please call me at 916/925-0208 or Marc Van Camp at the number listed above.

Sincerely,
PLEASANT GROVE-VERONA MUTUAL WATER CO.


Edwin Willey, President

DT/mv
dNLG414991

Pleasant Grove-Verona Mutual Water Company

1366 West Catlett Road
Pleasant Grove, CA 95668

April 14, 1999

Mr. Jim Clifton
Reclamation District 1000
1633 Garden Highway
Sacramento, CA 95833

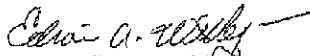
Subject: CALFED Proposal for Fish Screen Feasibility Study

Dear Mr. Clifton:

Notice is hereby given that Pleasant Grove-Verona Mutual Water CO. (PGV) has submitted a CALFED proposal to request funding to perform a fish screen feasibility study. The study will evaluate different fish screen alternatives and will help PGV decide whether there is an economically, technically, and biologically feasible alternative. PGV will be developing a Local Involvement Plan to inform interested parties of the progress of the study. If your agency or district would like to be added to the mailing list, please call Marc Van Camp at 916/456-4400.

If you have any questions or comments, please call me at 916/925-0208 or Marc Van Camp at the number listed above.

Sincerely,
PLEASANT GROVE-VERONA MUTUAL WATER CO.


Edwin Willey, President

DT/mv
daL0414291